

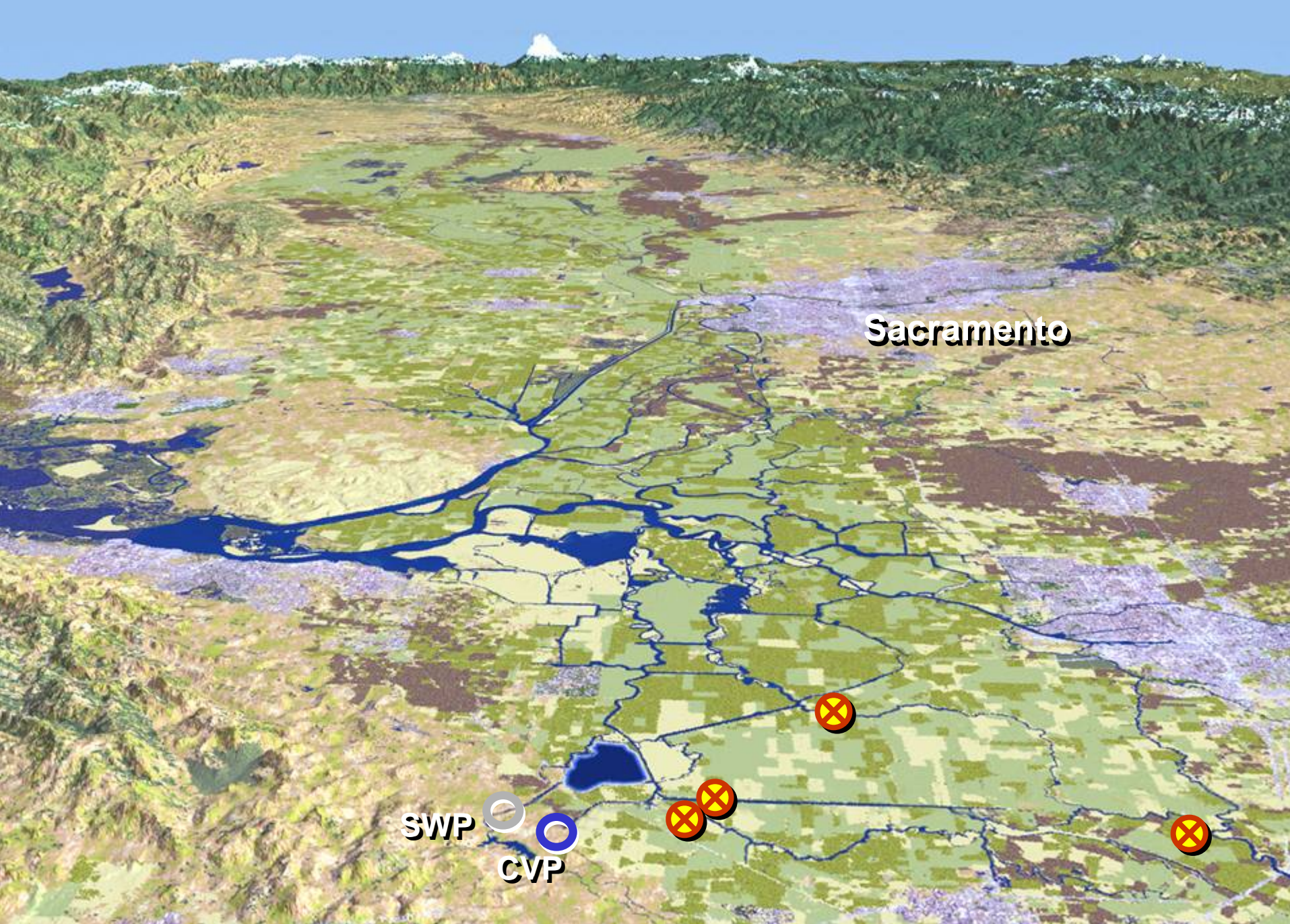
# **Agenda Item 7-6**

## **Delta Improvements**

### **Package Update**

**Development and  
Implementation of an  
Integrated Delta Improvement  
Package for Conveyance,  
Water Quality  
and Environmental Protection**





# Delta Improvements Package

## Actions, Commitments, and Schedules

| Actions                            | Lead | 2004 | 2005 | 2006 | 2007 |
|------------------------------------|------|------|------|------|------|
| • Water Supply                     |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| • Water Quality/ Delta Protections |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| • Environmental Protection         |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| • Science                          |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |
| —                                  |      |      |      |      |      |



# Who's Developing the Matrix

- IWOFF - sub group of CALFED Agencies
- Integrated Water Operations Forum and Framework (IWOFF)
  - CDFG
  - NOAA Fisheries
  - USFWS
  - USEPA
  - USBR
  - DWR
  - CVRWQCB
  - CBDA

# Delta Improvements Package



## Water Supply Reliability

- Increase SWP pumping capacity to 8,500 cfs
- Implement SWP/CVP integration plan
- Design & construct SWP/CVP intertie



## Ecosystem restoration

- Launch expanded, long-term EWA with combination of public and user funding
- Updated ESA / Eco commitments



## Water Quality

- Reduce agricultural drainage/relocate intakes
- Develop strategy to improve Frank's Tract
- Install temporary & permanent barriers
- Address Stockton dissolved oxygen problem
- Improve flows/water quality in lower San Joaquin River



## Science

- Issue science agenda related to flows/water quality and operations

# Key Events/Milestones

## 1) Near Term Events

- OCAP Project Description – March 2004
- Package of Commitments, Linkages and Schedules – Spring/Summer 2004

## 2) Final EIR/S for SDIP – 2004-5

## 3) Operation at 8,500 cfs @ SWP - 2006-7

## 4) Post 8,500 cfs @ SWP – 2008 - ?

# Examples of Key Linkages

- Water Quality
  - Salinity in the San Joaquin at Vernalis and Brandt Bridge
  - Western Delta Drinking Water Quality
- Water Levels in South Delta and Permanent Operable Barriers
- Long-term EWA
- Water Supply – increase COE permit to 8,500 cfs on a regular basis



# Salinity in the San Joaquin River

- Commit to an aggressive integrated salinity management program
  - Coordinated actions by the parties and TMDL Process by RWQCB
  - Drainage management
    - Real Time salinity monitoring and management
    - Salt Load reduction
  - Recirculation
  - Upstream Acquisitions
  - CVP operation – New Melones

# **Western Delta Drinking Water Quality**

- Continuous improvement in water quality
- Reroute Agricultural Drains – Veal and Byron Tract
- Encasing the CCWD canal in stages
- Franks Tract
- Consider moving CCWD M&I Intake

# Water Levels and Permanent Operable Barriers

- Full 8,500 Permit Flexibility with Permanent Operable Barriers
- Interim stage –
  - Continue Temporary Barriers, Portable Pumps and Dredging
  - Explore conditions that would allow increasing exports above current permit levels

# Long-Term EWA

- Water Supply planning for OCAP and 8,500 assumes a continuation of an EWA
- Continue EWA until full operation of 8,500
- Increase EWA with full operation of 8,500
- Determine funding of EWA for the next 10 years
- Public Funding and Water Users Funding – in development

# Development of Delta Improvement Package of Commitments, Linkages and Schedules

- Review preliminary draft of linkages and schedules with Stakeholders.....March
- Review with CBDA.....Early April
- Review with Stakeholders.....April
- Public Workshops.....April/May
- Draft Interagency Implementation Agreement.....Early May
- Review with Stakeholders/BDPAC.....May
- Review with CBDA.....Early June
- Final Interagency Implementation Agreement.....June



# End